DERWENT- 1992-054745

ACC-NO:

DERWENT- 199207

WEEK:

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TITLE: Container for magnetic discs storage and transport - has

helical grooves with variable pitch e.g. larger in loading

unloading zone than in storage zone

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PATENT-ASSIGNEE: GAPANOVICH A V[GAPAI]

PRIORITY-DATA: 1987SU-4307056 (September 21, 1987)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC

SU 1633453 AMarch 7, 1991 N/A 000 N/A

INT-CL (IPC): G11B025/04

ABSTRACTED-PUB-NO: SU 1633453A

BASIC-ABSTRACT:

The <u>container</u>, for transporting, <u>storage</u> of magnetic <u>discs</u>, includes a plate (1) carrying shafts (2) with an helical groove (3) sync. and reversible rotation mechanism. During performing operation of <u>discs</u> (4) <u>loading</u>-unloading, the latter are <u>lifted</u>-lowered in the grooves (3). It also incorporates a <u>jacket</u> (5) and a lid (6).

Due to increased spiral pitch in the $\underline{loading}$ zone, high speed of lowering the \underline{discs} into the $\underline{container}$ is obtained resulting in larger distance between the adjacent \underline{discs} , which reduces damage to the \underline{discs} surfaces. The discharging process provides the same result while the shaft rotation is carried out in opposite direction.

USE/ADVANTAGE - In computer engineering, partic. as protection device for magnetic <u>discs</u> against mechanical damage during their production and <u>storage</u>. Reduced probability of damage during <u>container loading</u> discharge operations. Bul.9/7.3.91.

CHOSEN- Dwg.1/3

DRAWING:

TITLE- CONTAINER MAGNETIC DISC STORAGE TRANSPORT HELICAL GROOVE

TERMS:

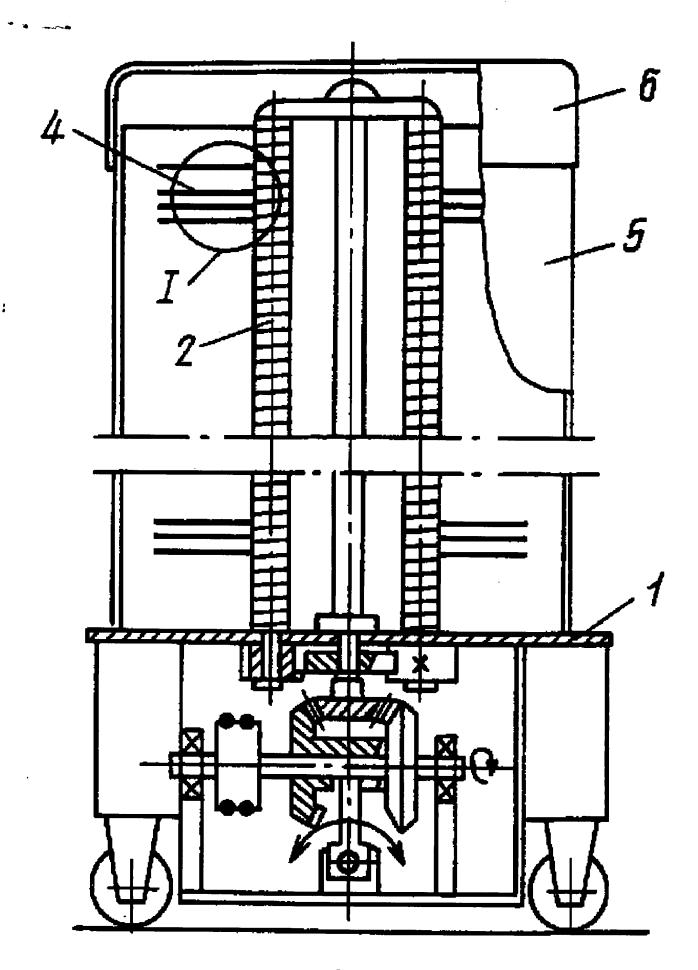
VARIABLE PITCH LARGER LOAD UNLOAD ZONE STORAGE ZONE

DERWENT-CLASS: T03

EPI-CODES: T03-M01; T03-N01;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1992-041570



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